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TRANS	PREITTAL E		Application No.	10/650,406		
(to be used for all correspondence after initial filing)			Filing Date	August 27, 2003		
			First Named Inventor	Jong Moon LEE		
	•		Art Unit			
			Examiner Name			
Total Number of F	Pages in This Submission	on 9	Attorney Docket Number	51876P384		
	ENCLO	SURES (chec	ck all that apply)			
Fee Transmittal	Form	Drawing(s))	After Allowance Communication to Group		
Fee Attach	ned	Licensing-r	elated Papers	Appeal Communication to Board of Appeals and Interferences		
Amendment / Re	sponse	Petition		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Fina Affidavits/	l declaration(s)	Petition to C Provisional	Convert a Application	Proprietary Information		
Extension of Tim	e Request	Power of A Change of	ttorney, Revocation Correspondence Address	Status Letter		
Express Abandon	nment Request	Terminal Disclaimer		Other Enclosure(s) (please identify below):		
Information Disclosure Statement		w/Eng		Korean Office Action w/English translation; 1		
PTO/SB/08 Certified Copy of Priority Document(s)		CD, Numbe	er of CD(s)	prior art reference; return postcard		
Response to Mis Incomplete Appli	ssing Parts/	Remarks	_			
	Filing Fee aration/POA					
Response Parts und 1.52 or 1.5	e to Missing er 37 CFR 53					
	SIGNATUR	E OF APPLICAI	NT, ATTORNEY, OR AC	GENT		
Firm or	George W Hoo	over, Reg. No.	32,992			
Individual name	BLAKELY,	OKOLOFF,	/ΦAYLOR & ZAFI	MAN LLP		
Signature Clarge W			Jones			
Date	@ [24]	05				
			ING/TRANSMISSION			
I hereby certify that this postage as first class m	correspondence is bein nail in an envelope addre	g deposited with the essed to: Commissi	e United States Postal Servioner for Patents, P.O. Box 1	vice on the date shown below with sufficient 1450, Alexandria, VA 22313-1450.		
Typed or printed na	ame Melissa Stea	d				
Signature	Mela	m X	ent	Date 6-24-05		

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TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known				
Application Number	10/650,406			
Filing Date	August 27, 2003			
First Named Inventor	Jong Moon LEE			
Examiner Name				
Art Unit				
Attorney Docket No.	51876P384			

METHOD OF PAYMENT (check all that apply)								
Check Credit card Money Order None Other (please identify):								
Deposit A	Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP							
☐ Cha X Cha	For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.							
FEE CALCU	_ATION							
Large Er	ntity	Small	Entity					
Fee	Fee	Fee	Fee	Foo Donorintion	Fee Paid			
Code	(\$)	Code	(\$)	Fee Description	ree Palu			
1051	130	2051	65	Surcharge - late filing fee or oath				
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.				
2053	130	2053	130	Non-English specification				
1251	120	2251	60	Extension for reply within first month				
1252	450	2252	225	Extension for reply within second month				
1253	1,020	2253	510	Extension for reply within third month				
1254	1,590	2254	795	Extension for reply within fourth month				
1255	2,160	2255	1,080	Extension for reply within fifth month				
1401	500	2401	250	Notice of Appeal				
1402	500	2402	250	Filing a brief in support of an appeal				
1403	1,000	2403	500	Request for oral hearing				
1451	1,510	2451	1,510	Petition to institute a public use proceeding				
1460	130	2460	130	Petitions to the Commissioner				
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
1806	180	1806	180	Submission of Information Disclosure Stmt				
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))				
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))				
Other f	ee (spe	cify) _						
	SUBTOTAL (2) (\$)							

SUBMITTED B	Υ			Com	olete (if applicable)
Name (Print/Type)	George W Hoover	Registration No. (Attorney/Agent)	32,992	Telephone	(310) 207-3800
Signature	Clarge W I	Oove		Date	6/24/05

Docket No.: 51876P384



the Application of:

JONG MOON LEE, ET AL.

Application No.: 10/650,406

Filed: August 27, 2003

For: BROADBAND SLOT ANTENNA AND SLOT

ARRAY ANTENNA USING THE SAME

Art Group:

Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a Search Report dated March 24, 2005 (copy enclosed herewith) in a counterpart Korean application, which was forwarded to Applicant's Representative in a communication dated March 25, 2005.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Date: 6/21/05

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

George W Hower, Reg. No. 32,992

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Melissa Stead

Date

Melin Has

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FORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known	
Application Number	10/650,406	
Filing Date	August 27, 2003	
First Named Inventor	Jong Moon LEE	
Art Unit		
Examiner Name		
Attorney Docket Number	51876P384	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.¹	Document Number Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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		FOR	REIGN PATEN	IT DOCUMENTS			
Examiner	Cite	Foreign Patent Document	D. A.Francisco Basto		Pages, Columns, Lines,	76	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	'	
		JP 11-186838	07-09-1999	Mitsubishi Electric Corp.		A	stroot
							
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Examiner	Date	
Signature	Considered	ı

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

This application was preliminarily rejected pursuant to Article 63 of the Korean Patent Law based on the following reason. Should there be any opinion against this action, please file a written argument by May 24, 2005. (You can apply for 1-month extension per each case, and we do not notify you of the confirmation for such term extension.)

[REASON]

- 1. This invention described in claims 1 to 5 can be easily invented by those skilled in the art as pointed out below. Accordingly, the above-identified patent application cannot be registered pursuant to Article 29, Paragraph 2 of the Korean Patent Law.
- 2. The present patent application cannot be registered, because the detailed description of the present invention do not satisfy the conditions requested by Article 42, Paragraph 4, Item 2 of the Korean Patent Law as pointed out below.

[BELOW]

1. Claims 1 to 5 of the present invention includes a feeding block formed on a dialectric, a slot on top of the dialectric, and a reflection plane on bottom of the dialectric.

However, Japanese Patent Laid-Open No. 1999-186838 (a reference 1) published on July 9, 1999, discloses a radiation patch including a feeding block formed on a film, and a slot on top of the film and a metal block on bottom of the film.

Compared with the reference 1, the present invention is similar to the reference 1 in that a radiation patch includes a feeding block is formed on a film, and a slot on top and a metal block on bottom of the film.

The difference between the present invention and the reference 1 is that the slot of the present invention is formed in a conical shape instead of a square shape, but it is concluded that the change can be realized easily by those skilled in the art.

Therefore, the claims 1 to 5 of the present invention can be invented easily referring to the reference 1.

2. The detailed description of the present invention describes "formed on bottom of the dialectric layer 23,.......with a ground conductive layer 21", but since the structure is shown oppositely in a figure, it is not described apparently so that it can be realized by those skilled in the art easily.

[Attachment] 1.JP Patent Laid-Open No. 1999-186838 (Published on July 9, 1999)